

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

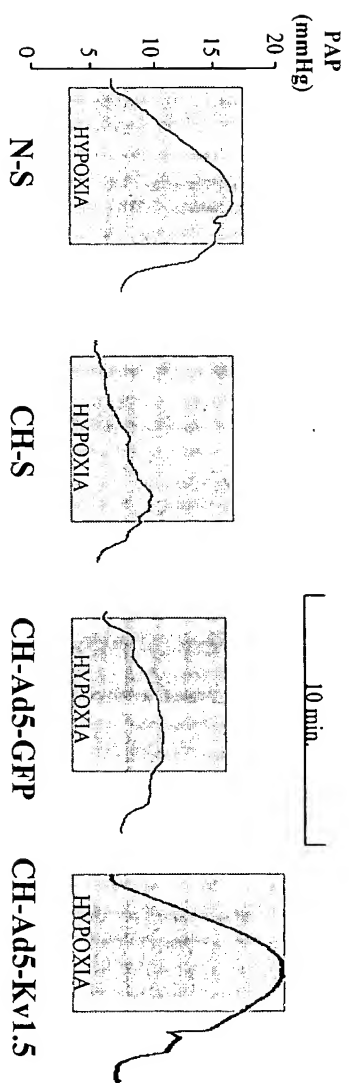


Figure 2A

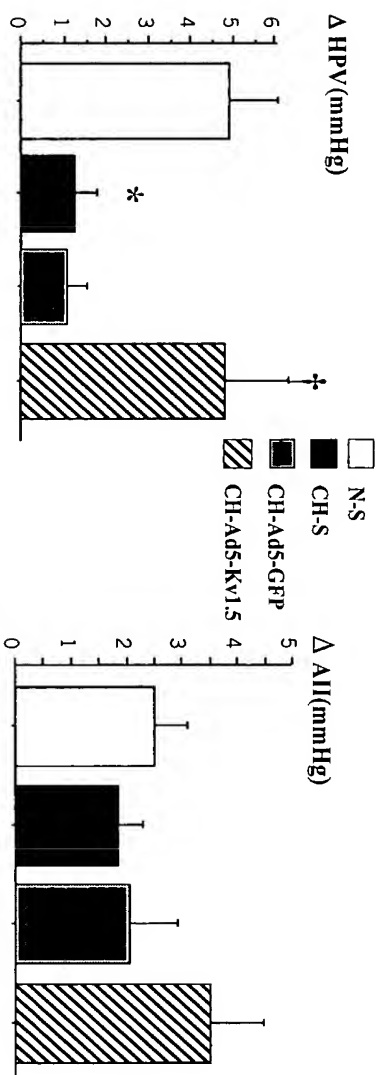
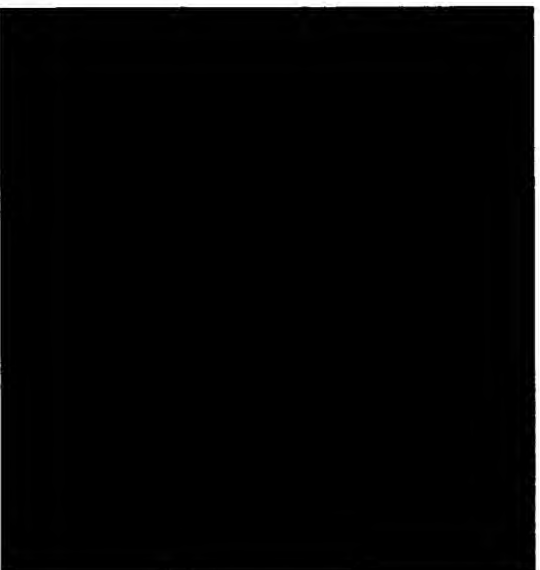
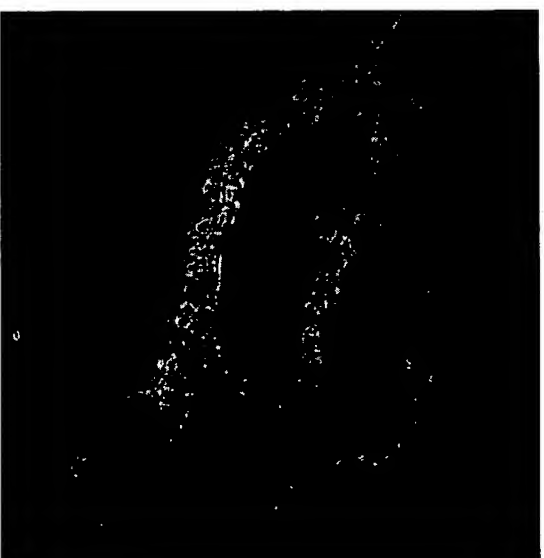


Figure 2B



**CH-S (25x)**



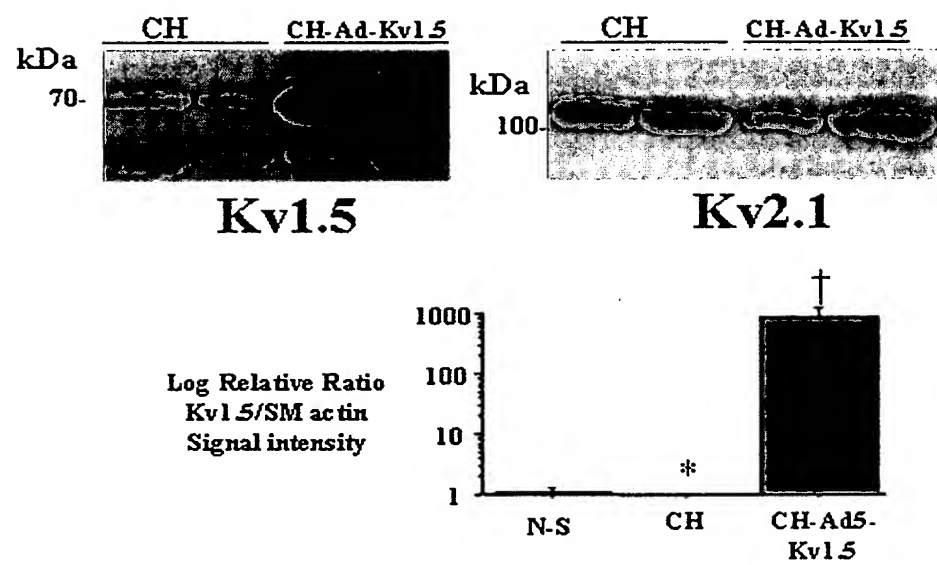
**CH-Ad5-Kv1.5 (25x)**

**Figure 3A**

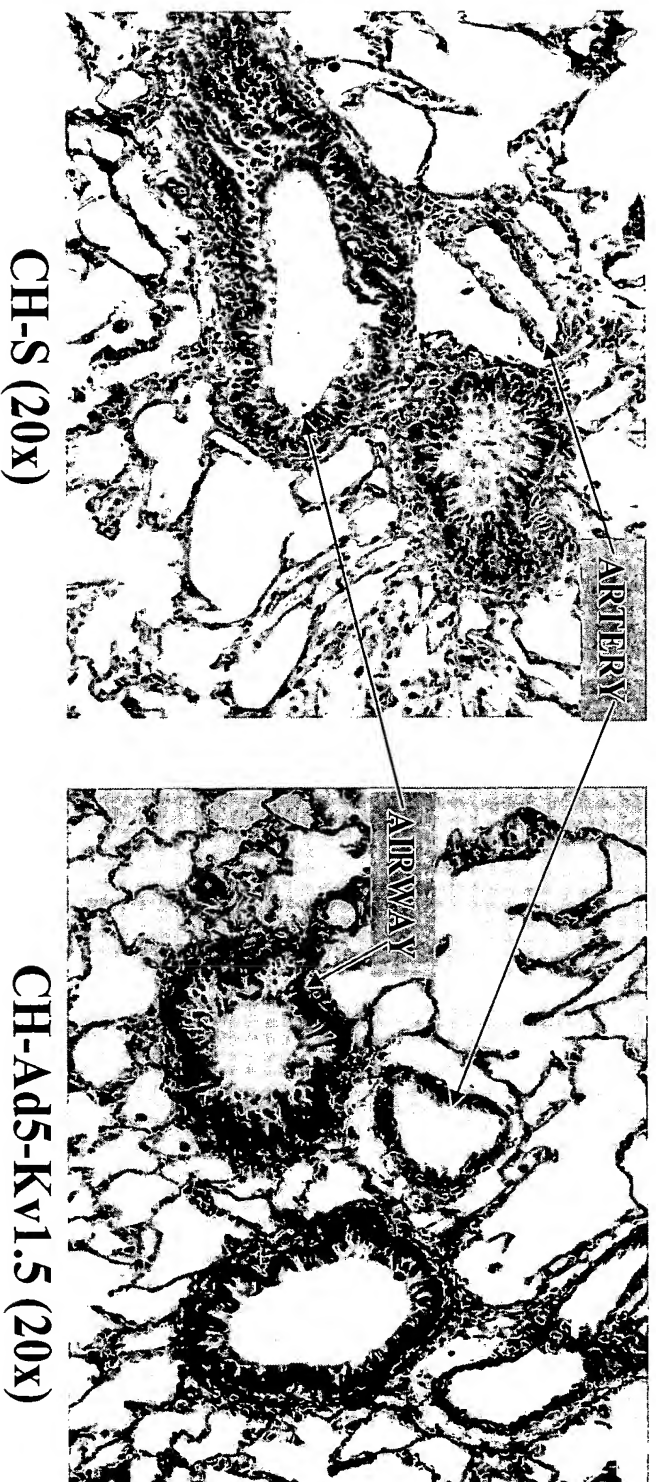
**GFP**



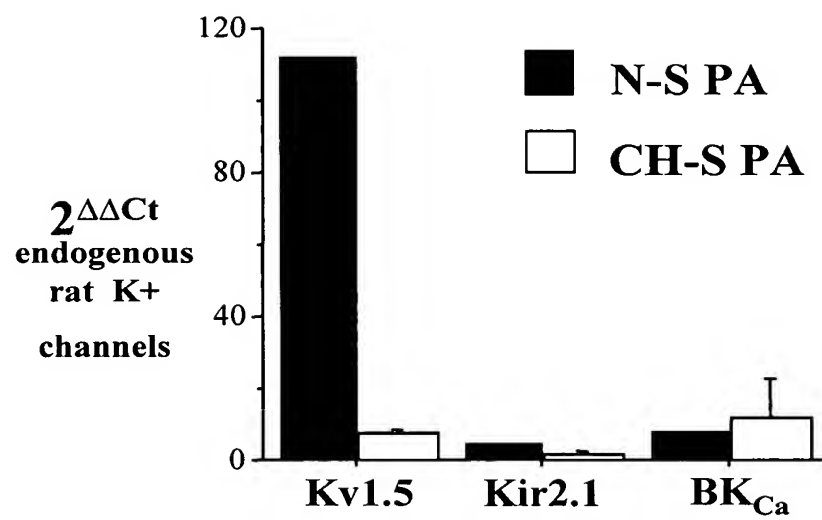
**Figure 3B**



**Figure 3C**

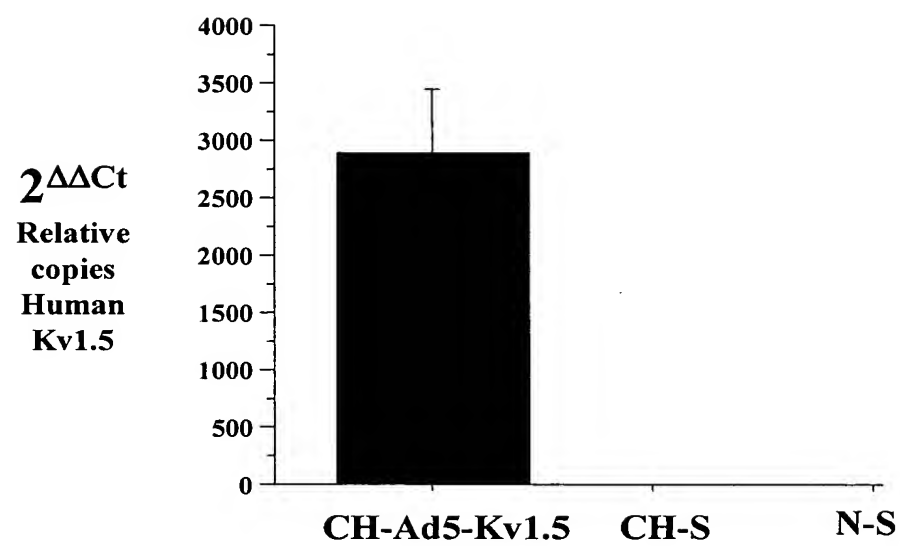


**Figure 4A**

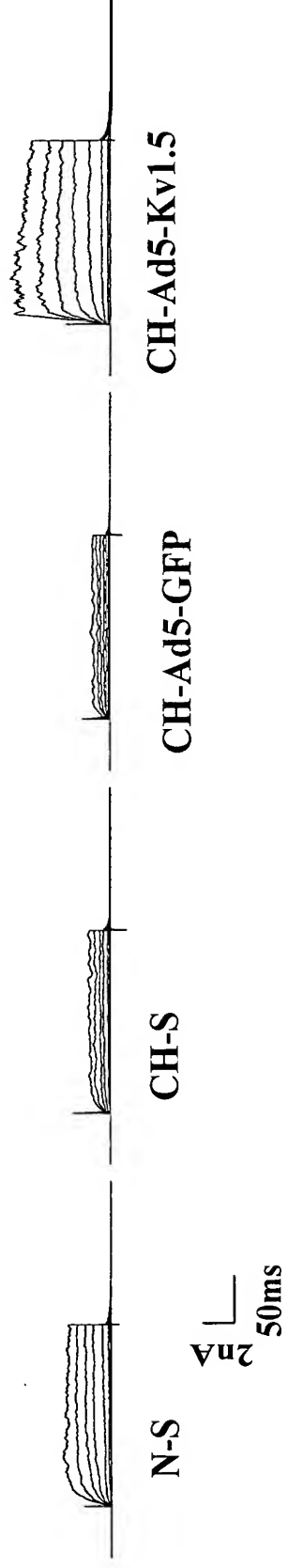


**Figure 4B**

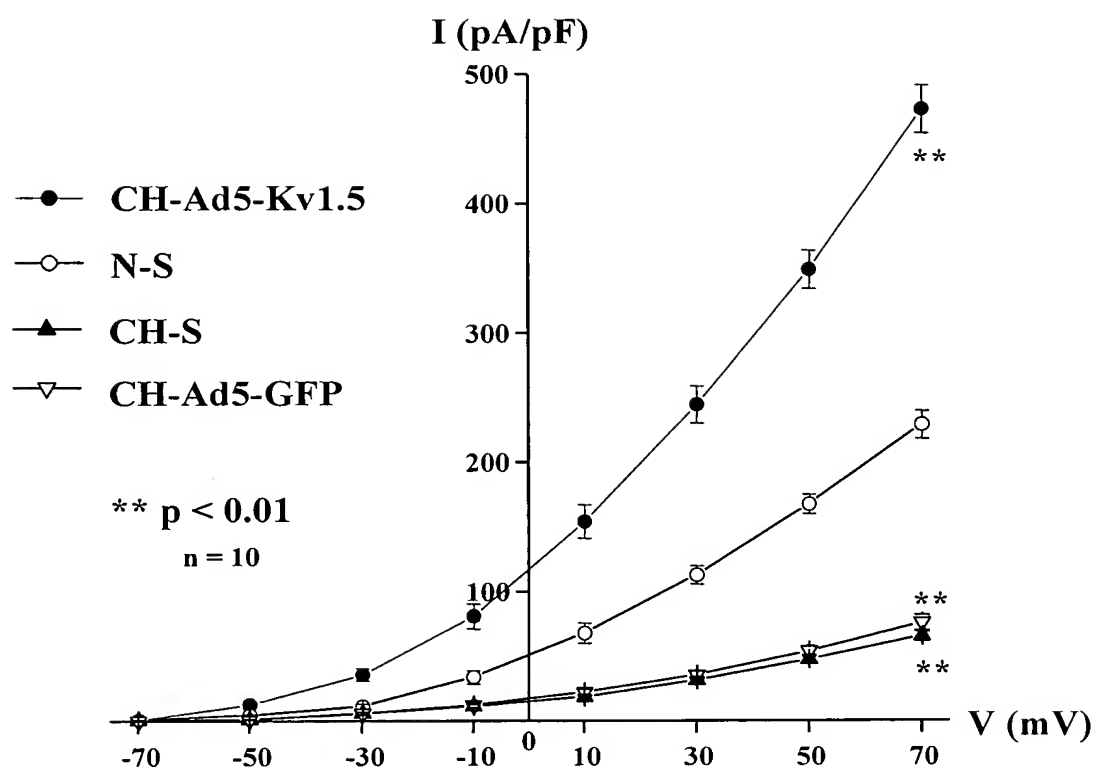




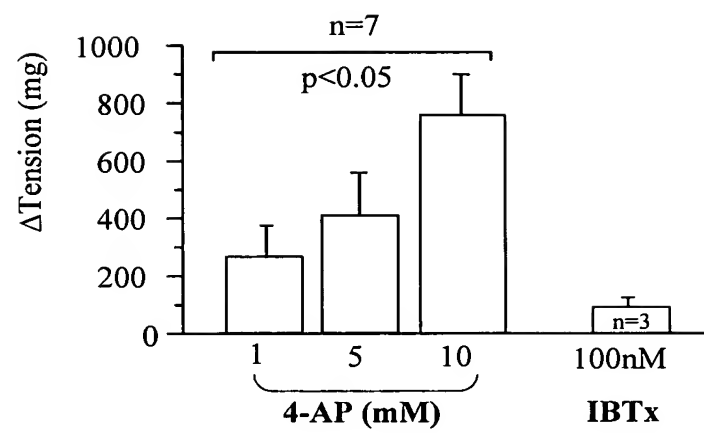
**Figure 4C**



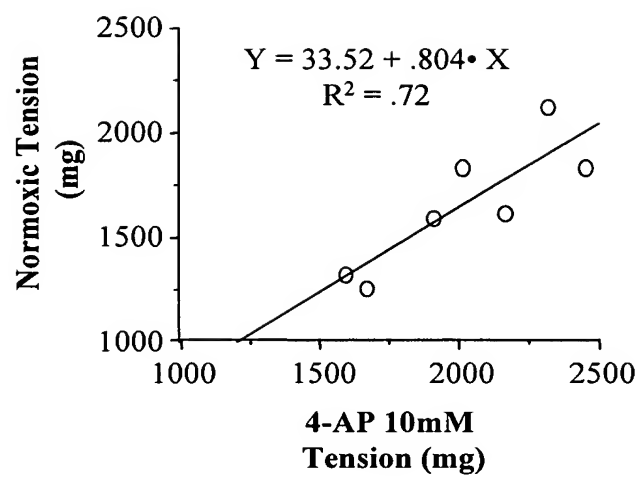
**Figure 5A**



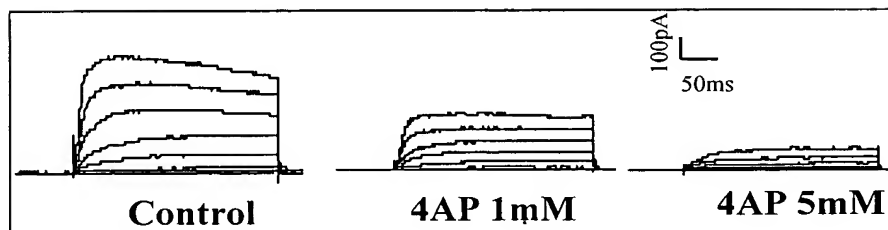
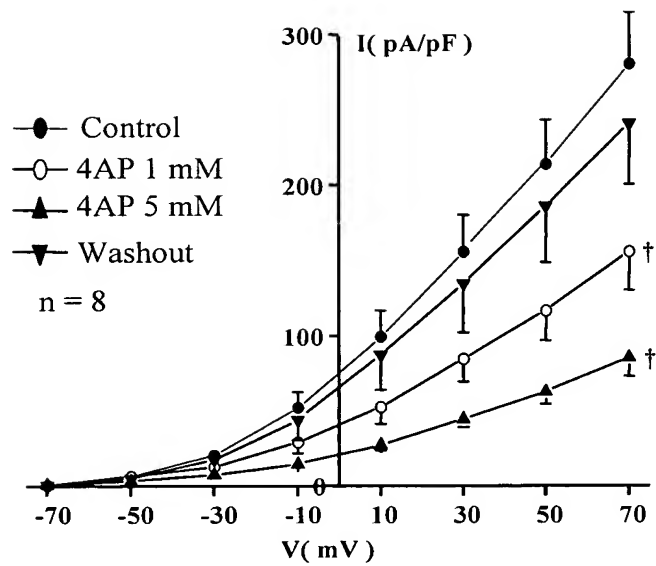
**Figure 5B**



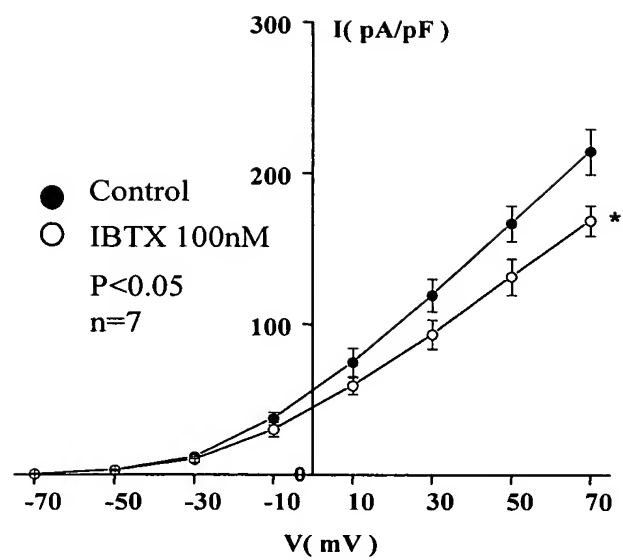
**Figure 7A**



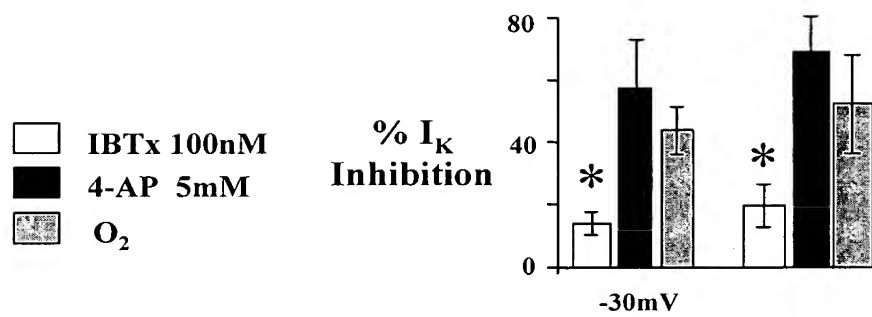
**Figure 7B**



**Figure 7C**

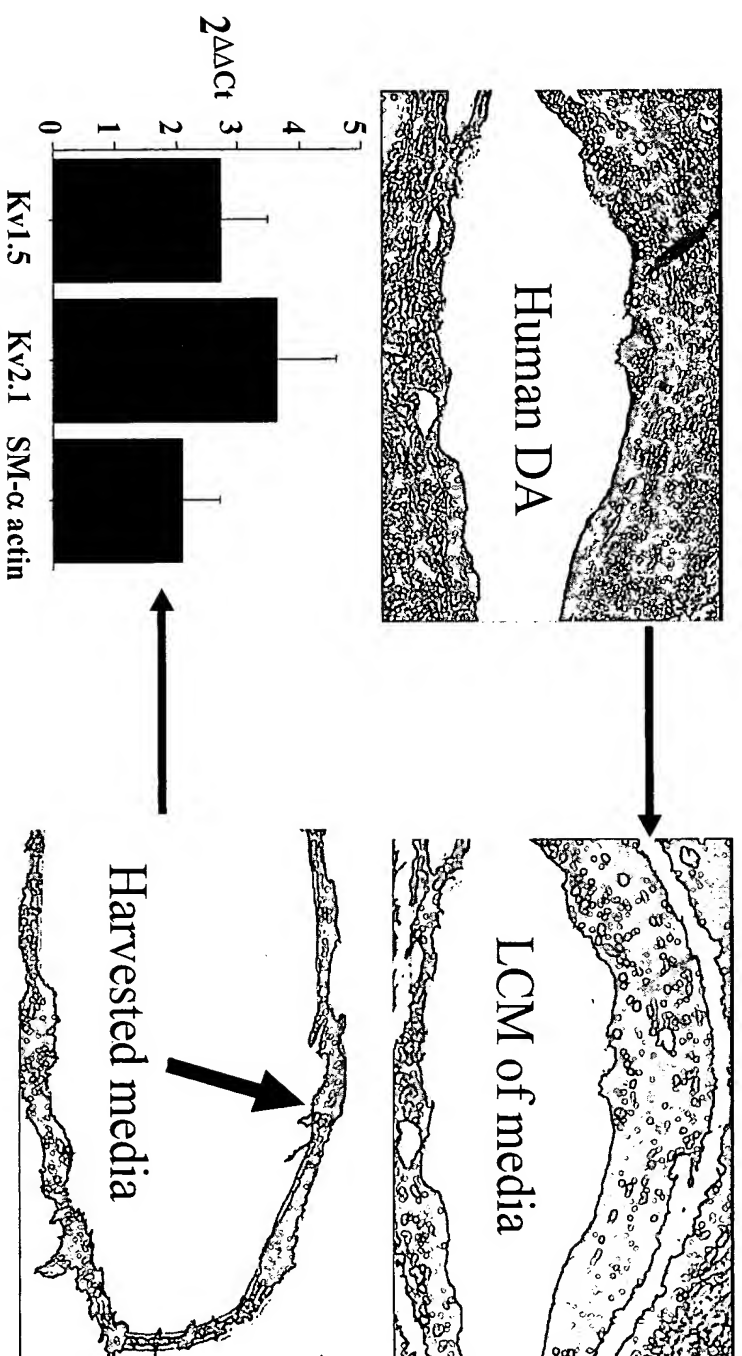


**Figure 7D**



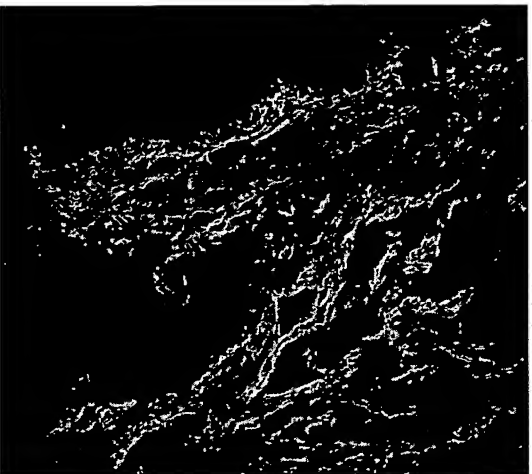
**Figure 7E**





**Figure 8A**

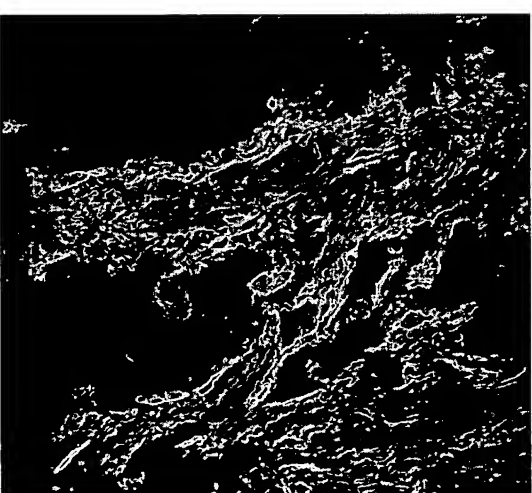
**SM- $\alpha$  actin**



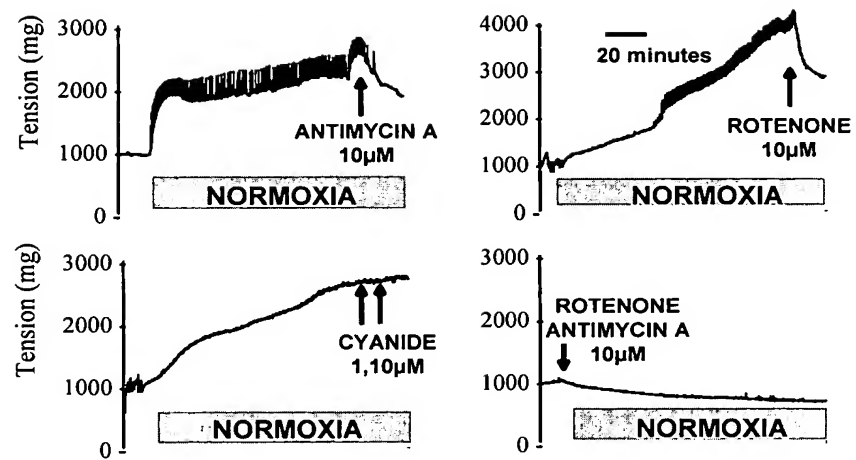
**Kv2.1**



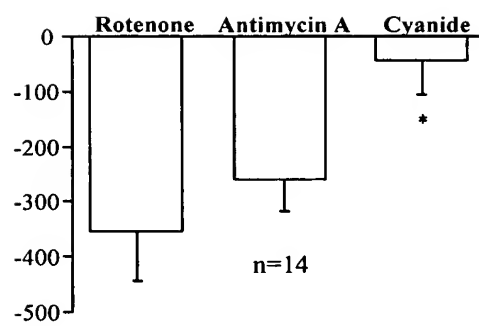
**Combined**



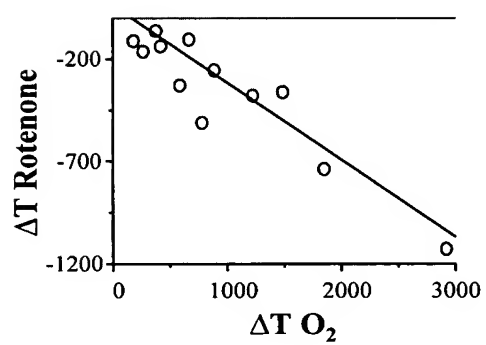
**Figure 8B**



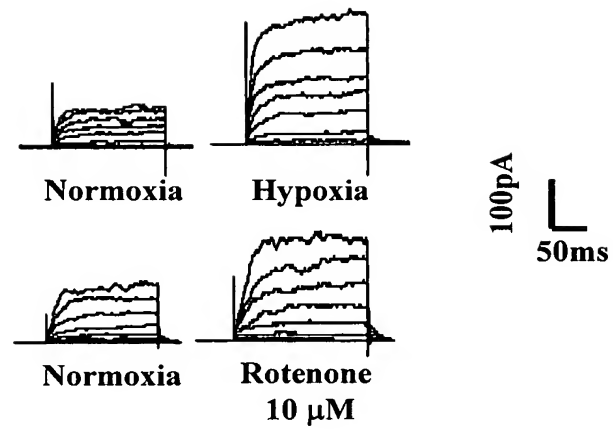
**Figure 9A**



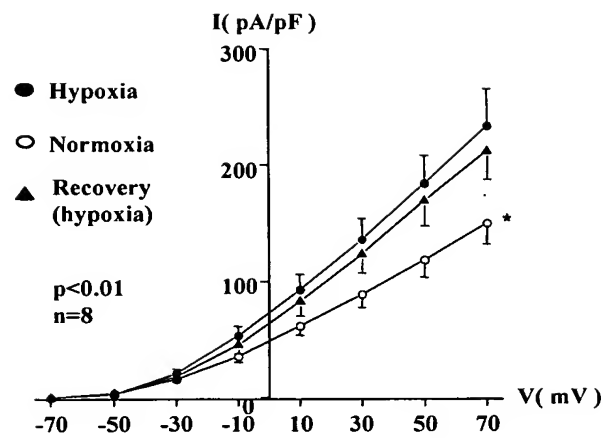
**Figure 9B**



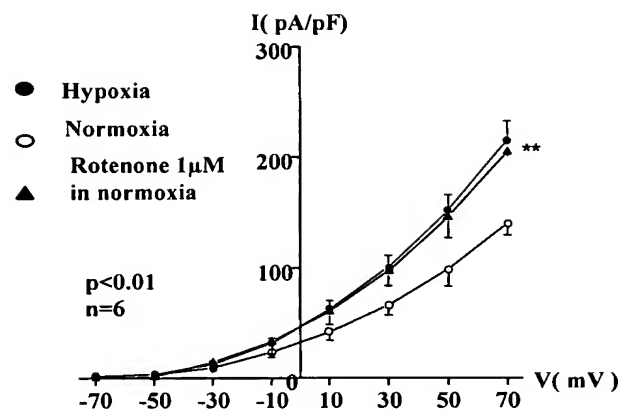
**Figure 9C**



**Figure 9D**



**Figure 9E**



**Figure 9F**



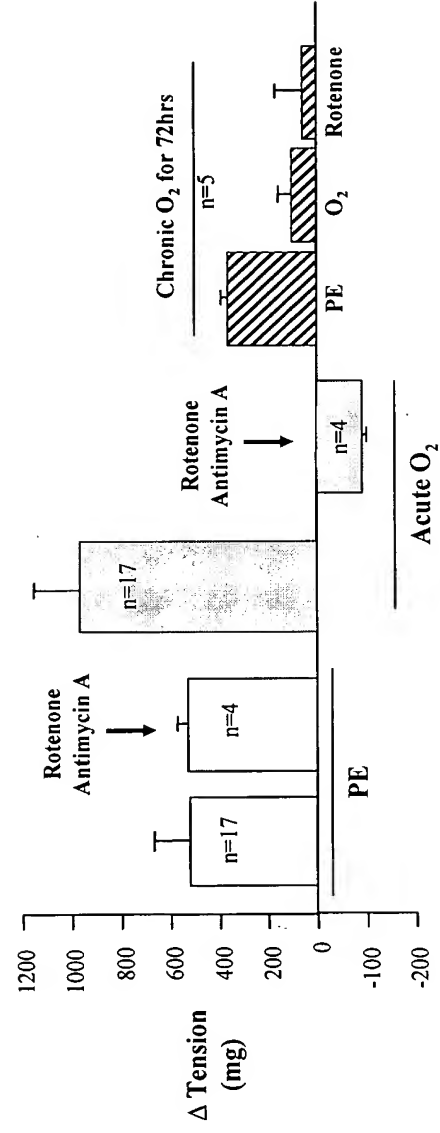


Figure 10A

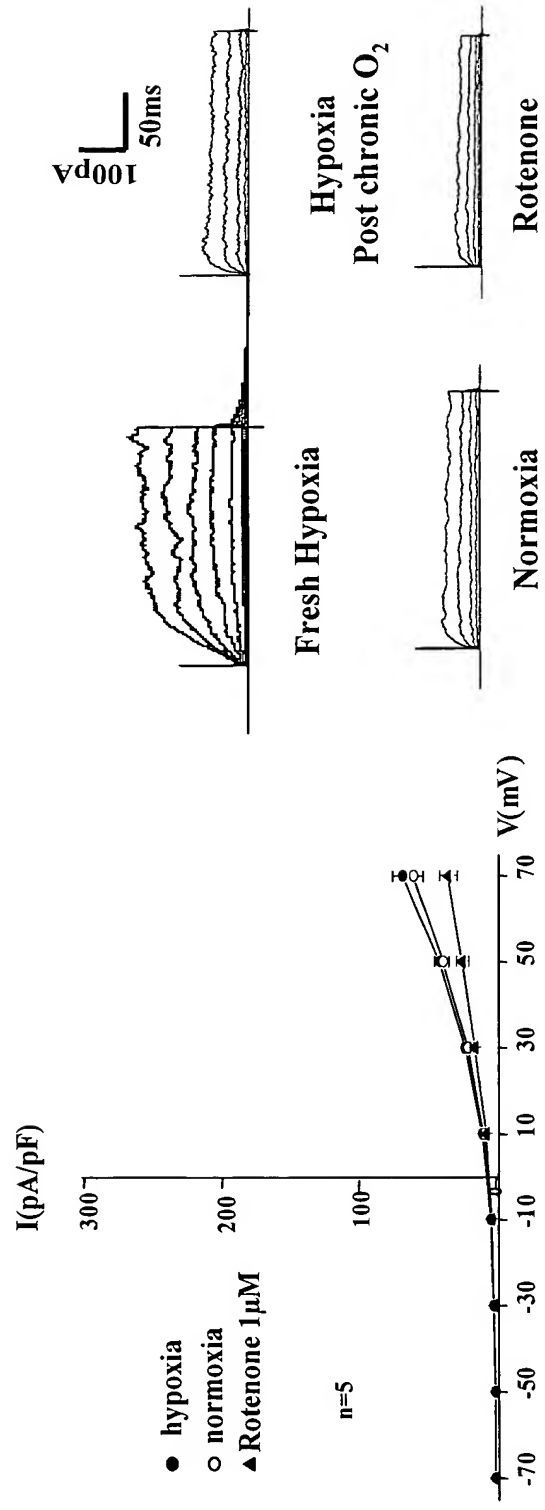
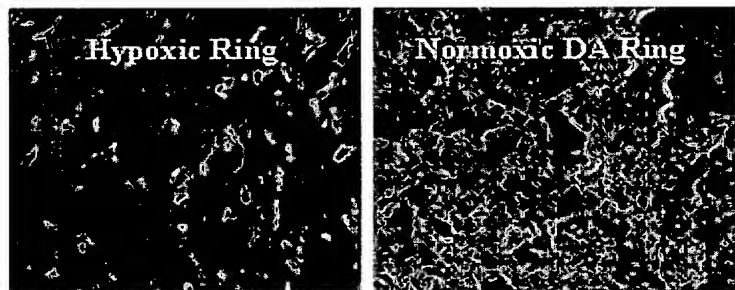


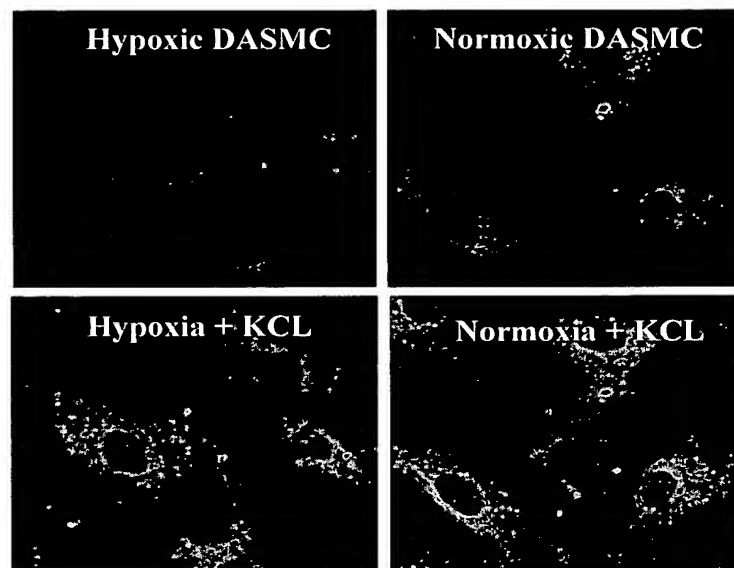
Figure 10B

**DA Rings**

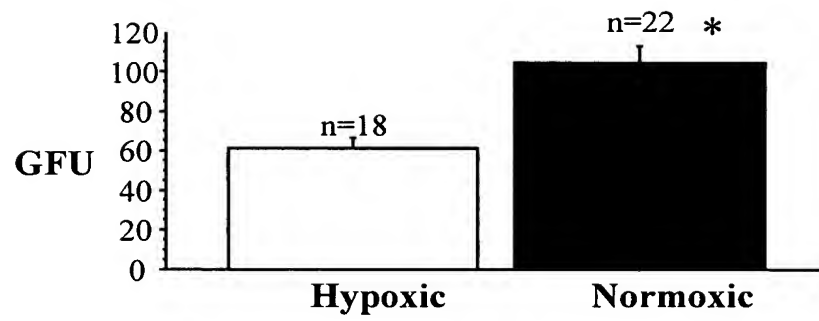


**Figure 11A**

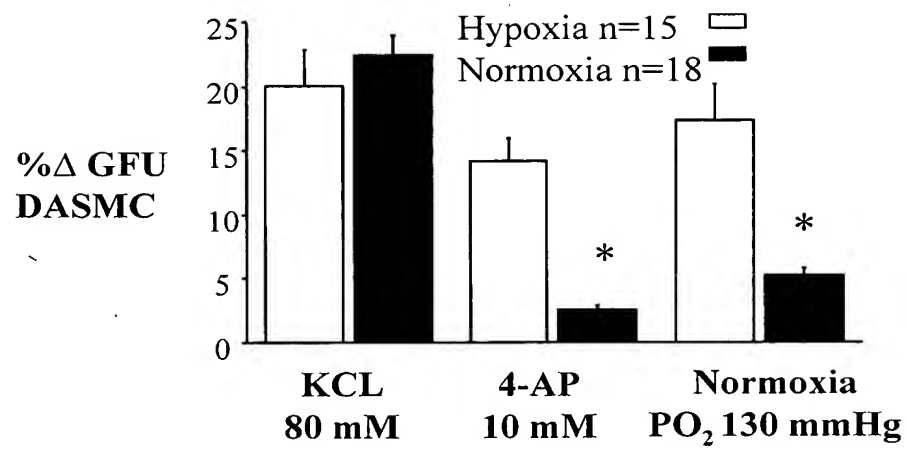
**DA SMCs**



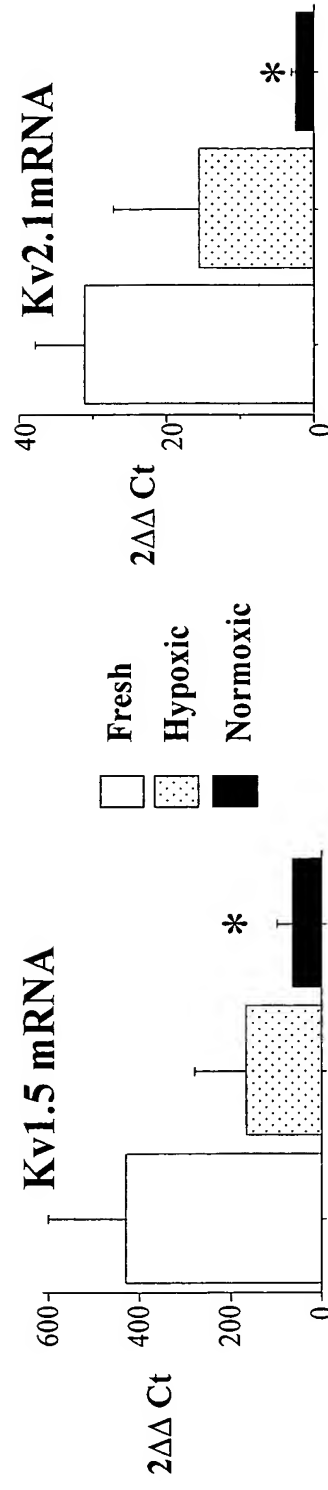
**Figure 11B**



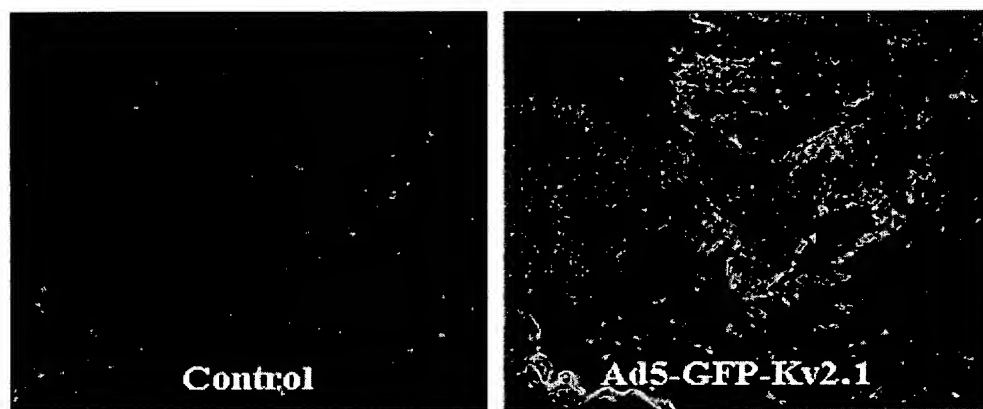
**Figure 11C**



**Figure 11D**

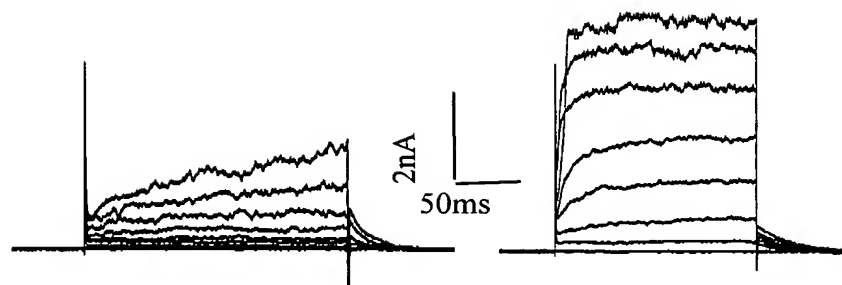


**Figure 11E**

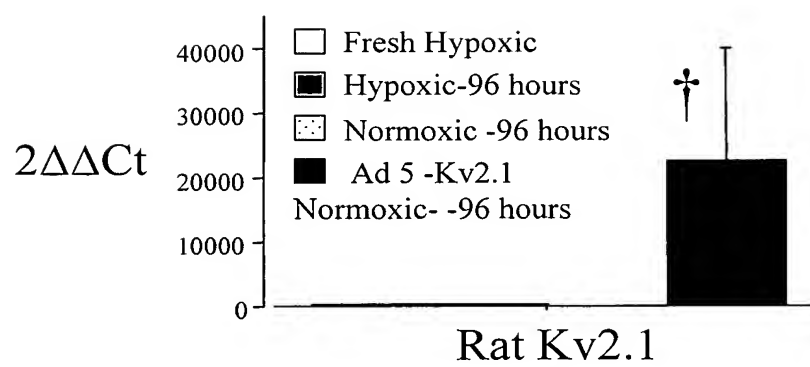


**Figure 12A**

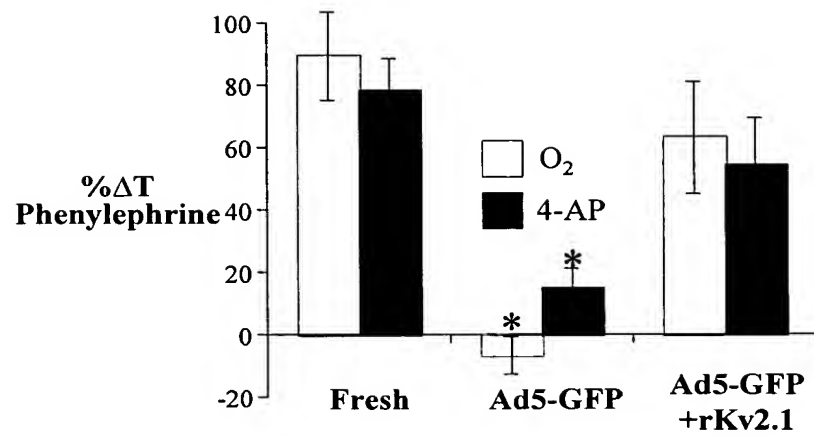




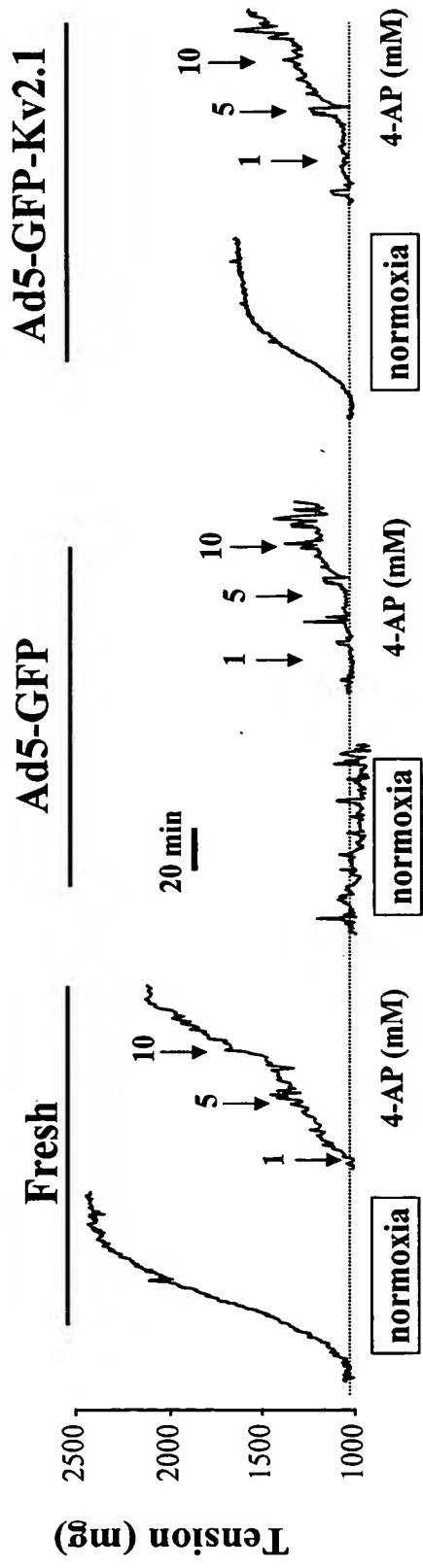
**Figure 12B**



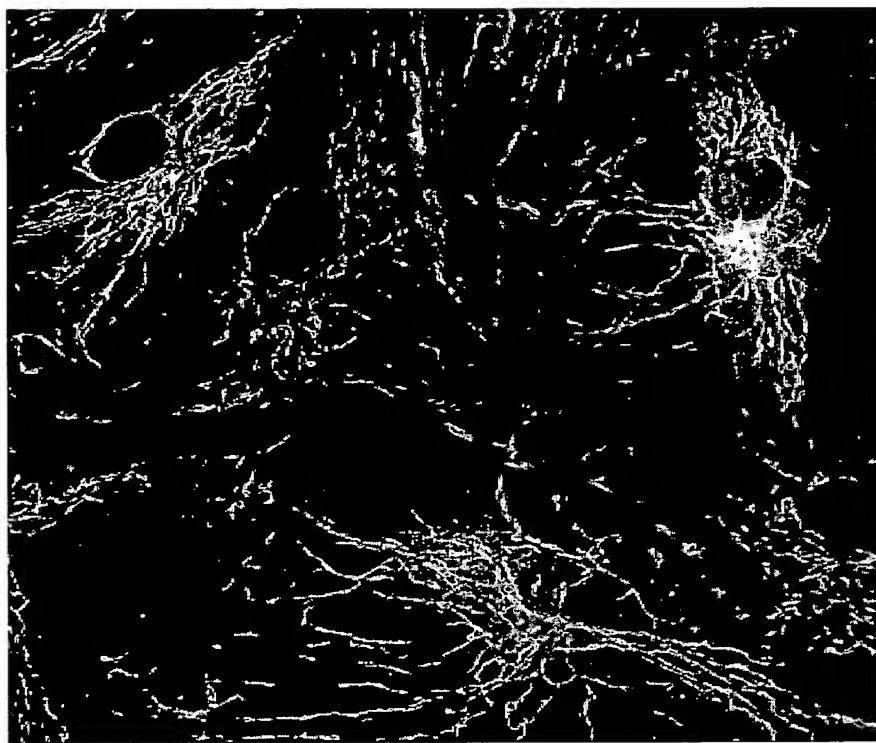
**Figure 12C**



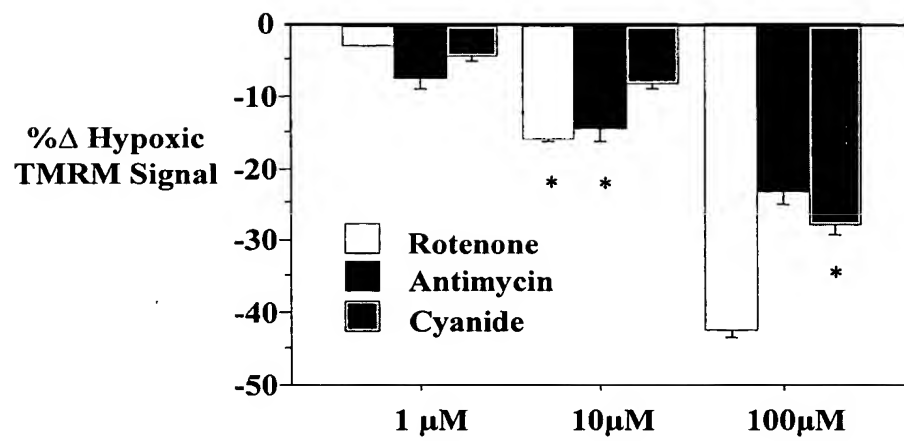
**Figure 12D**



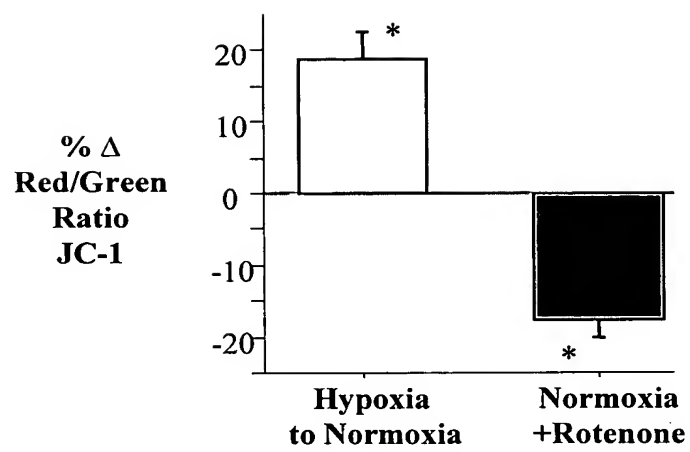
**Figure 12E**



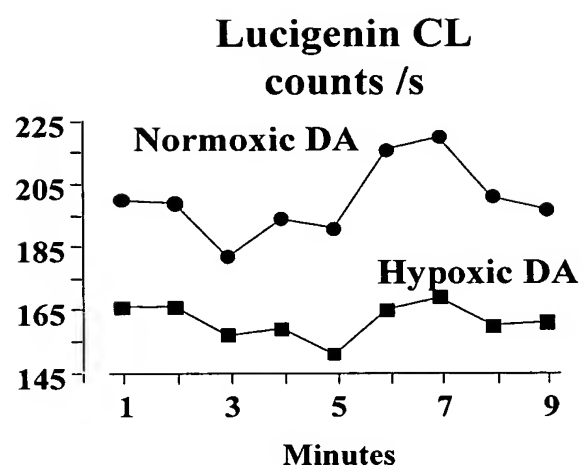
**Figure 13A**



**Figure 13B**

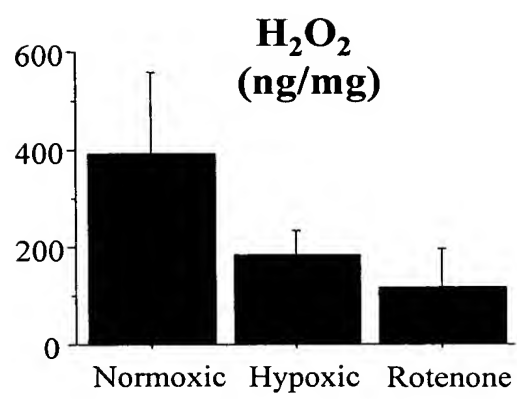


**Figure 13C**

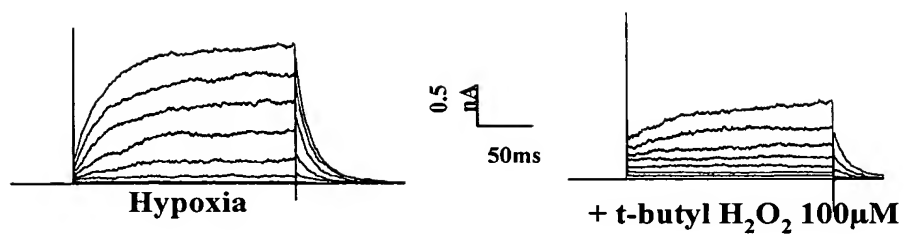


**Figure 14A**

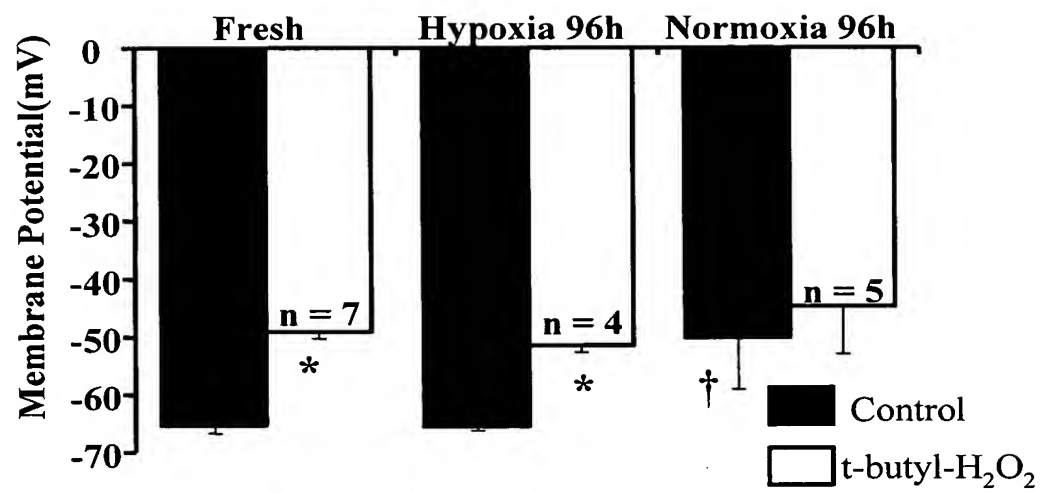




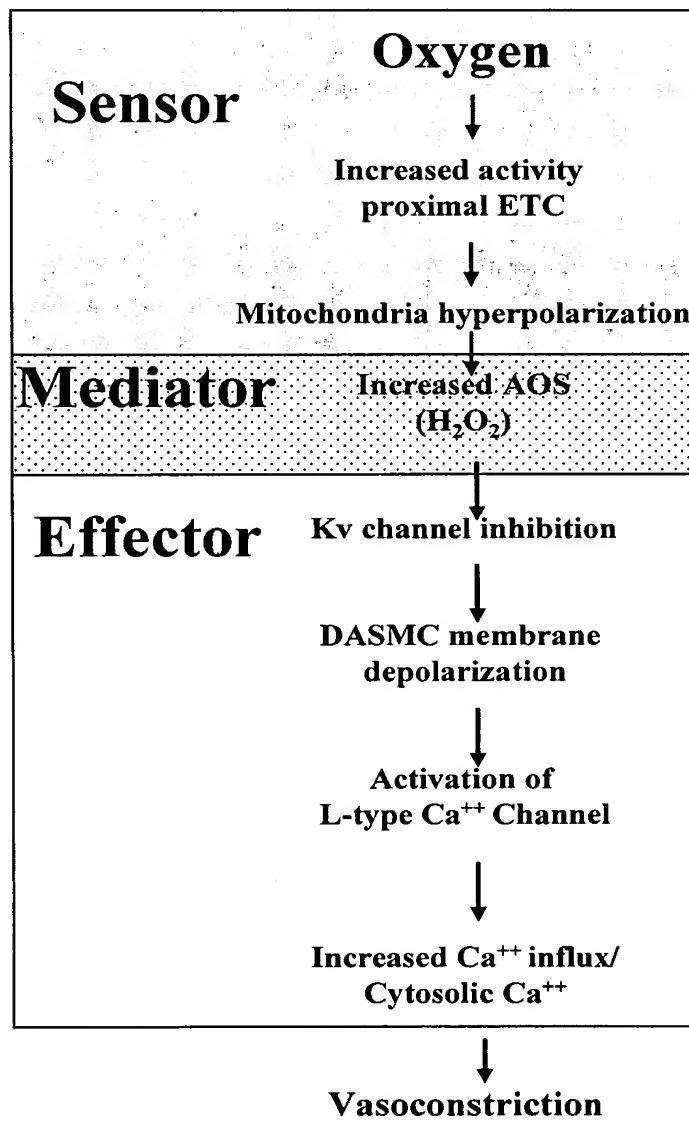
**Figure 14B**



**Figure 14C**



**Figure 14D**



**Figure 14E**